Work Order ID 99741	
Revision ID:	ige 1
Start Date: 4/11/13 Start Qty: 6.00 **** Required Date: 4/11/13 Req'd Qty: 6.00 *** Reference: Approvals: Process Plan: MLJ Date: 13-04-15 Tooling: Date: Ston	*
Start Date: 4/11/13 Start Qty: 6.00 * * * * * * * * * * * * * * * * * *	*
Approvals: Process Plan: MLD Date: 13-04-15 Tooling: Date: Ston	
Approvals: Process Plan: MLJ Date: 13-04-15 Tooling: Date: Ston	
QC: Date: SPC (Y/N): Date: *NR2	*
	*
Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp Work Center ID Description Run Hours Code Qty Qty Number Stan	
Draw Nbr Revision Nbr	
D3916 A	
100 0.00 *100* *100* Large Fab Memo 0.00	
Large Fab 1 - Cut tube 50" 2 - Bend tube with manuel pipe bender as per DT9566 *** Make line at 9.00" annd use jig for other line*** 3 - Trim access tube material to finish size as per dwg D3916	
QC6- Inspect dimensions to drawing 0.00	AS
110 QC Memo 0.00 Quality Control	₹ 89

120

Identify as per dwg & Stock Location:

0.00

120 Packaging

Memo

0.00

Packaging

12x) 13-6-20

											DQA:	Date	:
NCR: Y	⁄es	/ No				WORK ORDER NON-C	100	NFORM	MANCE / UPDATE			-	
											QA Closed:	Date	•
Work Orde	sr.					DISPOSITION			AGA	INST DE	PARTMENT	/PROCESS	
Work Orde	-1.					Rework	1		Skid-tube Cross	tube]	Water Jet	Engineering
Part N	No.					Scrap	1		—	l Fab	Pro	d. Eng. Coor.	Quality
	•					Use-as-is			~ <u>~</u>	shing	Rec/Sto	re/Packaging	Other
NCR N	No.					Work Order Update]		Large Fab Comp	osite	J	Supplier	
Root					Descri	ption of work order update		Initial	Action		Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Description		Date	Verification	QC Inspector
Doc/Data	Ш												
Equip/Tooling	Ш	•											
Operator	Ш								•				
Material													
Setup													
Other	Ш												
Process	Ш												
Supplier]				ł						
Training			İ	ļ									
Unapproved													
						F.	AUL	T CATE	GORY			· · · · · · · · · · · · · · · · · · ·	
Landi	ng (Gear				General		,			,	-	7
		Bending				Bend		Grain			Ovalized	_	Pressure/Forced
61		Centre N	ot Conce	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct	Weld
		Crushed/	Crimped			Burrs		Instruct	ions Incomplete/Unclear		Part Lost/Mi	ssing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance		Part Moved		
		Heat Trea	∍t		[Countersink	L	Mislabe	led	L	Positioned V	Vrong	-
		Inspectio	n Strip in	Tube		Cut Too Short		Misread	1		Power Loss/	Surge	Other
		Ripples ir	Bend			Drill Holes		Offset					

Out of Calibration

Out of Sequence

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish Folio

Work Ord April-11-13 3:0		9741		*997	741*						Page 2
Item ID: Revision ID: Item Name:	D3916-5 Light Rib			Accept	*N900	040	100)*	Setup Sta Sto	1.71	S1* S2*
Start Date: Required Date: Reference:	4/11/13 4/11/13	Start Qty: 6.00 Req'd Qty: 6.00	*6* *6*		Cust Item I Customer:	D:			- 0.		
Approvals:	Process P	lan:	Date:	Tooling: SPC (Y/N):		ate:			Run Sta Sto	" [V]	R1* R2*
Sequence ID/ Work Center II	D	Operation Description	W. 1.0.1. B.I.	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
*130 *130* QC		QC21- Final Inspection -	Work Order Release	0.00	i				MUS	137	15-01

Quality Control

gl13-04-20

												DQA:	Da	ate:	
NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UP	DATE		QA Closed:	 Da	ate:	
						DISPOSITION			·	AGAINST D		PARTMENT			
Work Ord	er:					}	7]		_	_			_	
Part I	No.					Rework Scrap Use-as-is		ľ	Skid-tube Machining noforming	Crosstube Small Fab Finishing			Water Jet d. Eng. Coor. re/Packaging		Engineering Quality Other
NCR I	No.					Work Order Update	1		Large Fab	Composite		RECISION	Supplier	\blacksquare	
Root					Descri	ption of work order update		Initial	Ac	tion		Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ct	nief Eng	Desc	ription		Date	Verificatio	n -	QC Inspector
Doc/Data Equip/Tooling Operator												,			
Material								,							
Setup														1	
Other						·	<u>[</u> .						•		
Process	L											:		Ī	
Supplier															
Training	$ldsymbol{ld}}}}}}}}}$														
Unapproved			<u> </u>												
							AUI	LT CATE	GORY						
Landi	ing (:				General		1		Г		l			
	<u> </u>	Bending				Bend	<u> </u>	Grain		 -	_	Ovalized		$\boldsymbol{\vdash}$	Pressure/Forced
	<u> </u>	Centre N	ot Conce	ntric to C	D/S	BOM/Route	_	Hardwa		<u> </u>	-	Over/Under		-	Temperature/Cure
	<u></u>	Cracks			-	Broken/Damaged	\vdash	- 4 ' ' ' '	on Incomplete	,, , ⊢	_	Part Incorred		\vdash	Weld
	\vdash	Crushed/	Crimped		<u> </u>	Burrs	\vdash	-1	ions Incomplete/	Unclear	_	Part Lost/Mi	ssing	Ш	Wrong Stock Pulled
	 	Cuffs			<u> </u>	Contamination	-	Mainte		 -		Part Moved			
	\vdash	Heat Trea			_	Countersink	<u> </u>	Mislabe		-	-	Positioned V	=		
1	1	Inspectio	n Strip in	Tube	1	Cut Too Short		Misread				Power Loss/	Surge	1 }	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Drill Holes Drawing

Finish Folio

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

April-11-13 3:04:14 PM

Work Order ID:

99741

Parent Item:

D3916-5

Parent Item Name:

Light Rib

Start Date: 4/11/13

Required Date: 4/11/13

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP RevA: new issue DD 09.11.23 verified by:EC 10.03.15 verified by:EC

IPP Rev:B as per dwg revA

	10.05.15 Verified b	y.EC										
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Primary Item Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.500W.049 Square Tubing		Purchased	No		100	f	1,098.7543	4.166	26.311579	CC	/3-	6-\$20

Location	Loc Oty Loc Code	
WA006	1098.754331 B/25502	-> (52623)
118460	0.00001534	
121808	0.07	
122938	257	
123565	198.684316	
125062	643	

											DQA:	Date	:
NCR: Y	⁄es	/ No				WORK ORDER NON-C	100	NFORM	MANCE / UPD	ATE			
											QA Closed:	Date	:
Work Orde	àr.					DISPOSITION		:		AGAINST DE	PARTMENT	/PROCESS	
Work Orde	٠,					Rework	1		Skid-tube	Crosstube		Water Jet	Engineering
Part N	lo.					Scrap	1 1		Machining	Small Fab	Pro	d. Eng. Coor.	Quality
	•					Use-as-is	1	Therm	noforming	Finishing	Rec/Sto	e/Packaging	Other
NCR N	lo.					Work Order Update]		Large Fab	Composite		Supplier	
Root					Descri	ption of work order update		Initial	Acti	on	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Ch	nief Eng	Descri	ption	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling			ļ										
Operator													
Material				Ì					,				
Setup			ĺ										
Other							ł						
Process]										
Supplier											:		
Training			ļ									-	
Unapproved				<u> </u>							<u> </u>		
						F	AUL	T CATE	GORY				
Landi	ng (Gear				General		-		_	-	_	
		Bending				Bend	ļ	Grain			Ovalized	<u> </u>	Pressure/Forced
		Centre No	ot Conce	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorred	ct _	Weld
		Crushed/	Crimped			Burrs		Instruct	ions Incomplete/U	nclear	Part Lost/Mi	ssing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance		Part Moved	·.	
		Heat Trea	at			Countersink		Mislabe	led		Positioned V	Vrong	
		Inspectio	n Strip in	Tube		Cut Too Short		Misread	l		Power Loss/	Surge	Other
		Ripples in	Bend			Drill Holes		Offset					

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

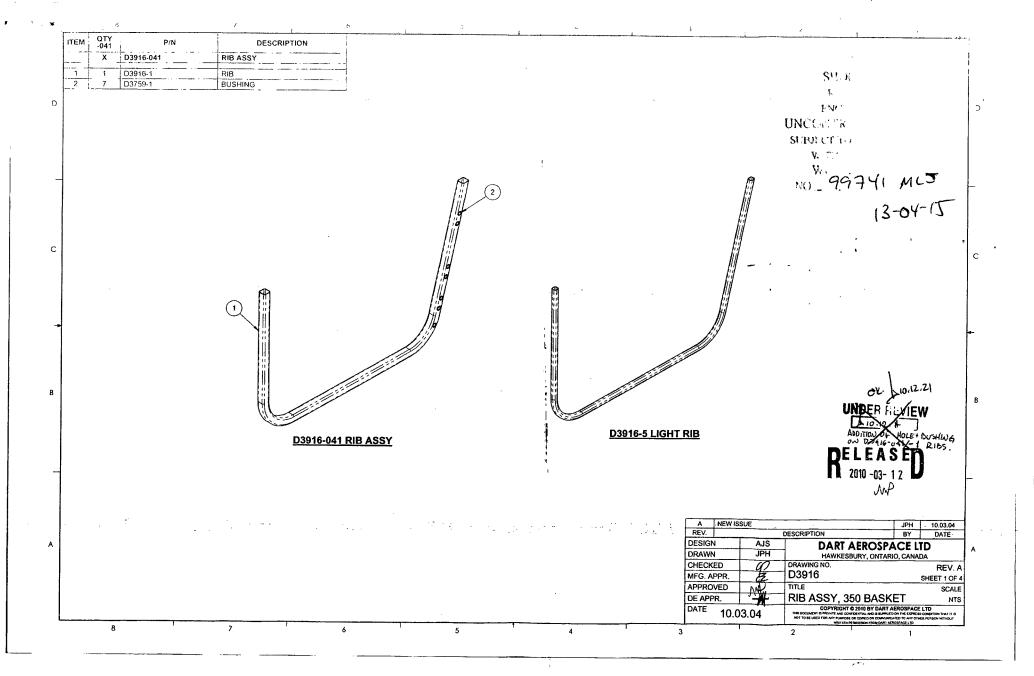
Torque Waves in Extrusion

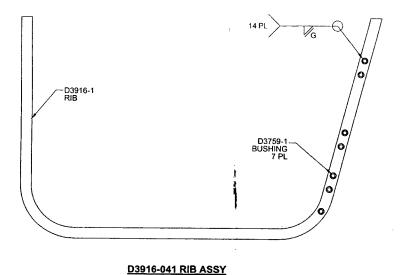
Drawing

Finish

Folio

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NOTES:
1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: NONE
7) WEIGHT -041: 1.84 lbs
8) WELD PER DART QSI 004

DESIGN AJS		DART AEROSPACE LTD					
DRAWN	JPH	HAWKESBURY, ONTARIO, CAI					
CHECKED	9	DRAWING NO.	REV. A				
MFG. APPR.	12	[→] D3916	SHEET 2 OF 4				
APPROVED	N	TITLE	SCALE				
DE APPR.	-	RIB ASSY, 350 BASKET	NTS				
DATE 10.0	3.04	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IN PROVIES AND COMPRESSION THAN IT IS NOT TO BE USED FOR MAY RAPICES ON COPPED ON COMMUNICATION TO MAY OTHER PERSON WITHOUT					

